

Docket No. 217 – Development and Management Plan Inspection

Northeast Utilities Service Company Certificate of Environmental Compatibility and Public Need for the construction of a 345-kV electric transmission line and reconstruction of an existing 115-kV electric transmission line between Connecticut Light and Power Company's Plumtree Substation in Bethel, through the towns of Redding, Weston, and Wilton, and to the Norwalk Substation in Norwalk, Connecticut.

Date: June 18, 2004

Inspector: Diana Walden

Location: Norwalk Substation Expansion

Storm/

Rain Event Only small traces of rain have fallen since the previous inspection with 0.17" on 6/17-18.

Areas of Inspection	Observation	Recommended Action
Access Roads	<ul style="list-style-type: none"> - Access roads are slightly muddy but still completely accessible. 6/18/04 - New Canaan Avenue is still free of tracked sediment 4/28-6/18/04 	<ul style="list-style-type: none"> - None at this time. Continue to monitor. 6/18/04 - None at this time. Continue to monitor. 6/18/04
Foundation construction	<ul style="list-style-type: none"> - Work on the control house is ongoing and walls are under construction. 6/18/04 - Work continues on the retaining walls including retaining wall #3 up near the control building. 6/18/04 - Several pole stubs have also been pulled on site, and the old tower near the control house has been removed. 6/18/04 - 	<ul style="list-style-type: none"> - The areas are well contained at this time. 6/18/04 - None at this time. 6/18/04

Areas of Inspection	Observation	Recommended Action
Erosion and Sediment Controls (includes inspection within 24 hours of a storm event)	- The silt fence remains in good shape. One piece has been taken down for work on the overflow canal and was to be replaced before the weekend. 6/18/04	- Continue to be proactive in silt fence repair and maintenance.
	- The hydroseeded area below the Route 7 ramp and above wall #4 is vegetating but is still fairly sparse. The regular seed area appears to have done better. 6/10-6/18/04.	- Continue to monitor growth of vegetation and if needed, additional seed should be added 6/18/04.
Erosion and Sediment Controls continued	- A catch basin is located here at the end of the swale with a top and side inlet. A haybale has been placed at the side to prevent sedimentation to the catch basin. 5/14-6/18/04	- Continue to monitor growth of vegetation and the haybale could be taken away from the inlet when cover is sufficient. 6/3-6/18/04
	- The topsoil stockpile has been completely moved from its original location to within a corner of retaining walls #1 and 2 towards the center of site. 6/18/04	- The pile is well contained and will continue to be used where necessary in areas to be grassed in the future. 6/18/04
	- The area to the east of walls #1 and #2 is being brought to grade with fill and is almost level with the top of the wall in some locations. 6/18/04	- All soil is well contained within the walls towards the center of the site. 6/18/04
	- The concrete washout station will be cleaned out as necessary. Efforts to use this station have been good. 6/18/04	- The main objective is to keep all washout water from resource areas and storm drains. Continue to utilize and maintain designated stations for concrete.

Areas of Inspection	Observation	Recommended Action
	<ul style="list-style-type: none"> - Work had begun on the overflow channel and portions of the sediment basin had been excavated for this purpose, as well as the area where the stockpile was previously located. 6/18/04 	<ul style="list-style-type: none"> - The channel has not been extended to the river at this time and it was stable and contained. 6/18/04
	<ul style="list-style-type: none"> - Grass is coming in well in the area below wall 5 which had recently been placed with stone, topsoil, seed and mulch. 6/10-6/18/04 	<ul style="list-style-type: none"> -Continue to monitor for sufficient vegetative growth and future stabilization. 6/10-6/18/04
<p>Inland Wetland and Watercourse encroachment and mitigation</p>	<ul style="list-style-type: none"> - The silt fence is still well in place along the river. One spot had been removed for channel work but was being replaced for the weekend. 6/18/04 - The overflow channel is under construction/excavation at this time but has not been extended to the river yet. Cobblestones and a liner will be installed, as well as a center swale. 6/18/04 - Sheet piling cofferdams are being installed in the dry, natural channel bed area near the waters edge. -The pump had been brought back into the yard and was not active/needed at this time. 6/18/04 - A grate will be installed on the existing outlet on wall #5 for safety and to prevent debris from entering 5/27-6/18/04 	<ul style="list-style-type: none"> - Continue to monitor silt fence and repair as necessary, especially in portions closest to the river. - Final verbal DEP approval to use sheet piling in place of originally proposed sandbags in this area was given 6/21/04 - The area is well under control with little disturbed soil. - Continue to use secondary containments when the pump is necessary.

Areas of Inspection	Observation	Recommended Action
State species of concern, threatened and endangered species	- No species of concern are located in this area of construction.	- N/A
Vegetative clearing limits (including trees to save or danger trees noted)	<p>- The recently repaired scoured area below wall #5 is experiencing growth of grass cover. 6/10-6/18/04</p> <p>- Natural vegetation continues to come in very well along the riverbank, on both sides of the silt fence. 6/18/04</p>	<p>- The area will be monitored for cover. Future observations may find that a more significant root structure is needed here. 5/27-6/18/04</p> <p>- None at this time. If any areas still look sparse, some seed could be scattered. 6/18/04</p>
Dewatering	- Dewatering activities are complete at this time.	- No actions required at this time.
Blasting	- No blasting is occurring on site at this time and it is not anticipated to be necessary.	- None at this time.
Spills	<p>- No spills were reported this week. 6/18/04</p> <p>- Small drips of oil were noticed again this week along the access road and can almost definitely be attributed to one of the offsite dumptrucks carrying soil. The affected soil is to be picked up but this truck should be maintained. 6/18/04</p> <p>- An onsite dumptruck- the Euclid- was parked in the vehicle yard and an oil spot was noted here as well. The excavator from last week had been maintained and the drip picked up. A pad could be kept in each parking spot for the machines to park over them. 6/18/04</p>	<p>- The contractors should remain vigilant about securing and handling fuel containers due to the sensitivity of the area</p> <p>- Continue to keep all vehicles maintained well (i.e. no apparent fluid leaks) if they will be used or stored on site. Check equipment status on a regular basis.</p> <p>- Report spills to the office immediately, even if they are being controlled.</p>

Areas of Inspection	Observation	Recommended Action
Additional Observations	- The D&M plan for the Plumtree substation has been approved and work could begin there in the next few weeks. Reports will continue in the same format. 6/3-6/18/04	

Next likely scheduled inspection:

Thursday June 24, 2004

I have personally examined and am familiar with the information submitted in this document and all attachments and certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief, and I understand that any false statements made in this document or its attachments may be punishable as a criminal offense in accordance with Section 22a-6 under Section 53a-157 of the Connecticut General Statutes.

Inspector's Signature:

Diana Walden



The topsoil stockpile has been relocated to an area within retaining walls #1 and 2 and will continue to be utilized in areas that will be grassed. The pile is well contained. 6/18/04



View along wall #5 where the previously scoured area was located. Vegetative growth is coming in well following the repairs. 6/18/04



View of the fill area near wall 1 where the area is being brought to grade. All soil is well contained. 6/18/04



View of portions of the overflow channel under construction where the original sediment basin has been excavated. 6/18/04



View of the overflow channel. The excavation had continued from the original basin to where portions of the stockpile had originally been. 6/18/04



View of the storage area near walls #1 and 2. 6/18/04



View of the continuing construction at the control building. 6/18/04



View of wall #3 under construction near the control building. 6/18/04